



Qualification Title	Occupational Code	Quality Assuring Body	Credits	Entry Requirements	NQF Level
Mechanical Fitter	653303	QCTO	410	NQF Level 1 with Maths	4

## Purpose

A Mechanical Fitter fits, maintains and repairs sub-assemblies and machines.

A qualified learner will be able to:

- Apply hand skills to perform mechanical engineering tasks using engineering tools and equipment
- Perform engineering maintenance on mechanical components, subassemblies and machines
- Repair, install and commission subassemblies and machines

## Fitter - Phase 1 Modular Training

Module Description	Module Code/s	Days
Induction	ID1 – ID6	1
Safety	SF1 - SF5	3
Materials	MA1, MA2, MA3	2
Drawings & Sketches	DS1-DS2, DS7-DS10	3
Hand Tools	HT1 – HT4	5
Hand Skills	HS2-HS5, HS7-HS9	30
Workshop Tools	WT1-WT3, WT17, WT20-WT22	10
Measuring Equipment	MF1-MF7	2
Theoretical Training	TT1	3
Phase 1 Company Test		2
Total Training Time: 63 Days		

## Fitter - Phase 2 Modular Training

Module Description	Module Code/s	Days
Arc Welding	AO1 – AO4	5
Gas Welding & Brazing	GW10-GW13	5
Gas Cutting & Heating	GC1-GC3	5
Marking Off	MT6-MT9	4
Keys & Locking Devices	KL1-KL7	4
Assemblies	AS3 – AS6, AS8	4
Bearings	BE1-BE2, BE5-BE15	3
Phase 2 Company Test		2
Total Training Time: 32 Days		



### Fitter - Phase 3 Modular Training

Module Description	Module Code/s	Days
Drives	DR1 – DR11	4
Couplings	CP1, CP2, CP7	4
Lubrication	LU1-LU4	2
Basic Lifting Techniques	BG2-BG4	3
Brakes & Clutches	BC1-BC5, BC7	3
Assemblies	AS1-AS2	4
Installation of Machinery	IM1	5
Theoretical Training	TT2	3
Phase 3 Company Test		2

Total Training Time: 30 Days

### Fitter - Phase 4 Modular Training

Module Description	Module Code/s	Days
Pumps	PU1-PU7	5
Hydraulics	HY1-HY13	5
Pneumatics	PN1-PN7, PN9-PN10, PN12	5

Total Training Time: 15 Days